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(54) **APPARATUSES AND METHODS FOR MAKING AN OBJECT APPEAR TRANSPARENT**

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(57) **ABSTRACT**

A cloaking device includes cloaking region boundary planes oriented non-planar to each other, each of the cloaking region boundary planes having an outward facing mirror surface and an inward facing opaque surface. The cloaking device includes a cloaking region bounded at least partially by the inward facing opaque surfaces of the cloaking region boundary planes. Half mirrors are spaced apart and generally parallel to the outward facing mirror surfaces such that a half mirror is spaced apart and generally parallel to each outward facing mirror surface. Light from an object on an object-side of the cloaking device is directed around an article within the cloaking region and forms an image on an image-side of the cloaking device such the article appears transparent to an observer looking towards the object.